NORTH AMERICAN DATUM 1983 HARN

113°0'0"W

10 Miles



## WATER LEVEL CHANGES IN BIG CHINO SUB-BASIN, ARIZONA 1999 - 2009

112°30'0"W

Estimated Extent of Playa

Intermittent Stream

(after Schwab 1995)

--- in the Alluvial Portion of the Sub-Basin

referred to as "basin-fill aquifer"

Approximate Extent of the Principal Aquifer

Expirer 3/31/2012

Well with hydrograph on sheet 3

feet above mean sea level (amsl)

**Land Surface Elevation** 

High: 8,858

Low: 4,118

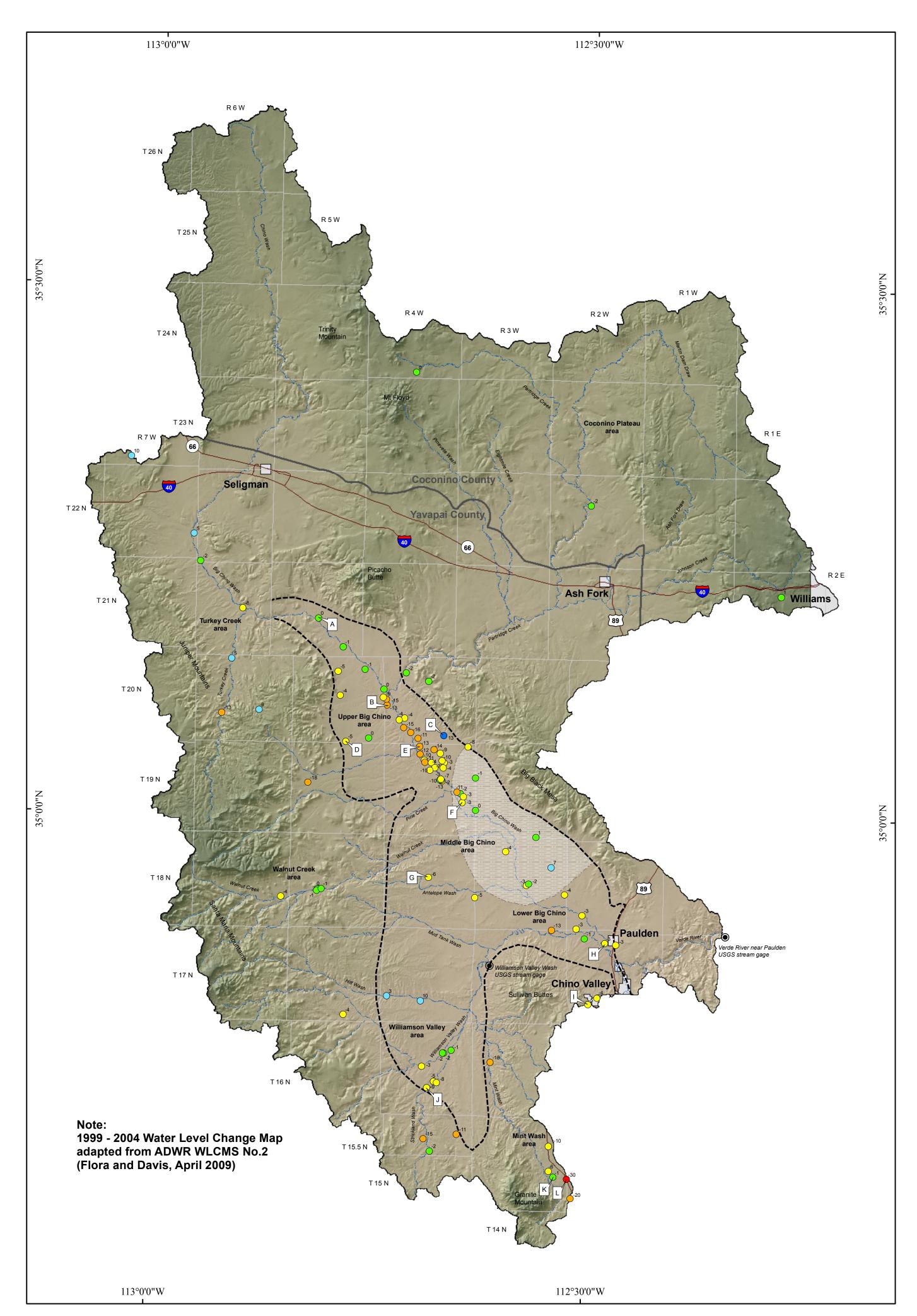
112°0'0"W

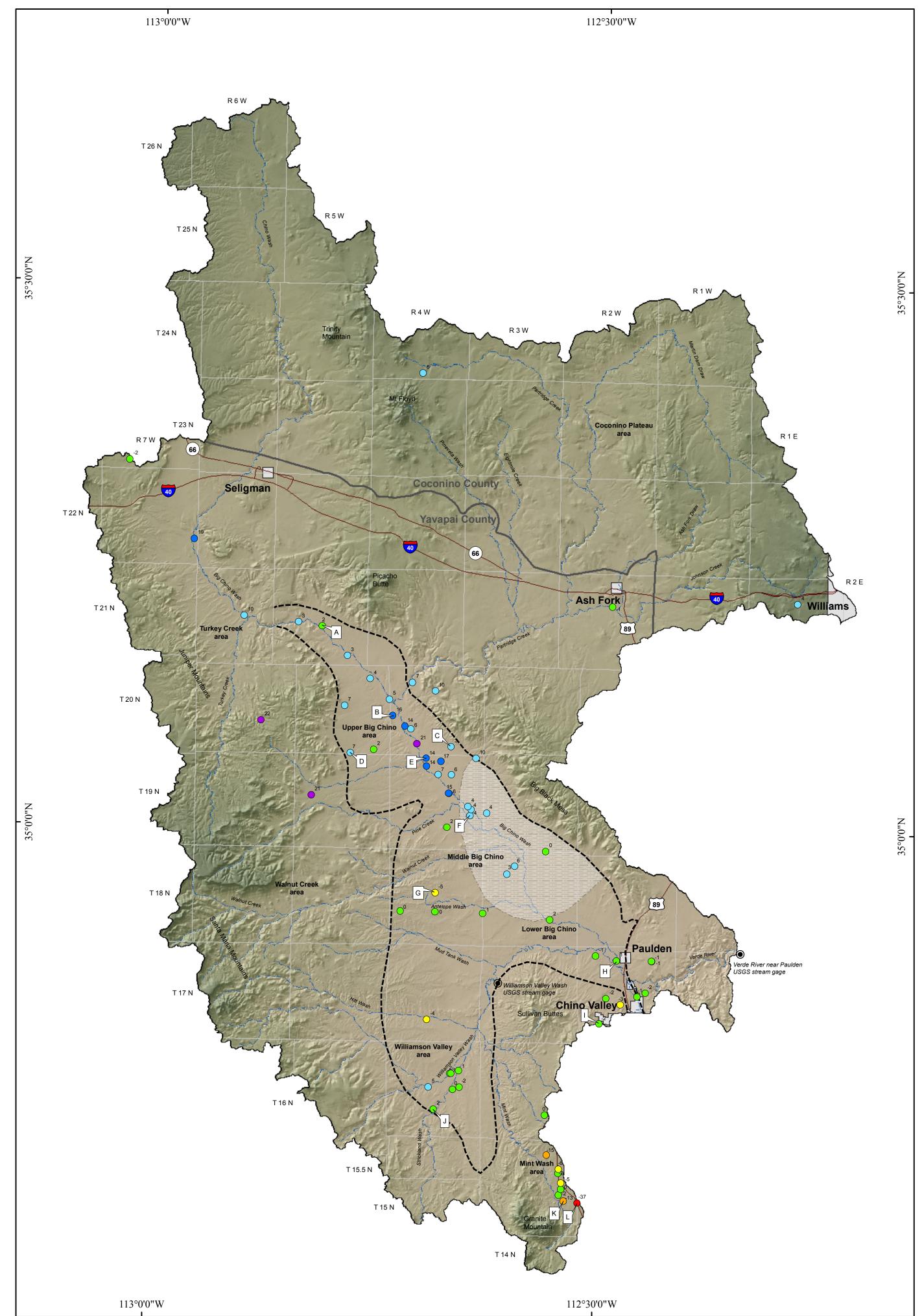
Number (-11) indicates the water level change from 1999 to 2009 and the

letter (G) corresponds to the hydrograph shown on sheet 3.

#### WATER LEVEL CHANGES 1999 - 2004

### WATER LEVEL CHANGES 2004 - 2009





#### **Explanation** County Line 20 Miles **ARIZONA GROUNDWATER** Sub-Basin Boundary BASINS AND SUB-BASINS Estimated Extent of Playa Township and Range Boundaries **BIG CHINO SUB-BASIN** ---- Intermittent Stream **Water Level Change Color Categories (feet)** Approximate Extent of the Principal Aquifer in the Alluvial Portion of the Sub-Basin (after Schwab 1995) Land Surface Elevation **Water Level Decline Water Level Rise** feet above mean sea level (amsl) referred to as "basin-fill aquifer" - 3 to -10 3 to 10 High: 8,858 USGS Stream Gage -11 to -20 • 11 to 20 Well in which depth to water was measured for both years Low: 4,118 (Data obtained from the ADWR GWSI database for all wells within the sub-basin excluding those with remarks, i.e. pumping.) The number next to each well point (-12) represents the difference in feet between measurements (water level change) for the given time period. More than -20 More than 20 The water level change shown on the map is rounded to the nearest whole number. Values without a sign denote rises in water levels and values with negative signs denote declines in water levels. Water Level Unchanged (+/- 2 feet) Well with hydrograph shown on sheet 3 Number (-6) indicates the water level change between years and the • -2 to 2 letter (G) corresponds to the hydrograph shown on sheet 3.

NORTH AMERICAN DATUM 1983 HARN



# WATER LEVEL CHANGES IN BIG CHINO SUB-BASIN, ARIZONA 1999 - 2009

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September 2009

For data go to: https://gisweb.azwater.gov/waterresourcedata/

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